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1. Document ID: WO 9629296 A1 AU 9648829 A FR 2731701 A1

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File: DWPI

Sep 26, 1996

DERWENT-ACC-NO: 1996-454849

DERWENT-WEEK: 199645

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TITLE: Simple prepn. of fluoroalkane(s) avoiding the use of hydrogen fluoride -comprises pyrolysing chloro:di:fluoromethane in presence of alkane(s) and/or fluoroalkane(s)

ridorodinane (b)

INVENTOR: HUB, S; LANTZ, A; SCHIRMANN, J; SCHIRMANN, JP

PATENT-ASSIGNEE:

ASSIGNEE CODE
ELF ATOCHEM SA AQOR

PRIORITY-DATA: 1995FR-0003116 (March 17, 1995)

PATENT-FAMILY:

PUB-NO PUB-DATE LANGUAGE PAGES MAIN-IPC WO 9629296 A1 September 26, 1996 F 010 C07C017/269 October 8, 1996 000 AU 9648829 A C07C017/269 FR 2731701 A1 September 20, 1996 006 C07C019/08

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APPLICATION-DATA:

PUB-NO APPL-DATE APPL-NO DESCRIPTOR

WO 9629296A1 February 26, 1996 1996WO-FR00295 AU 9648829A February 26, 1996 1996AU-0048829

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INT-CL (IPC): C07 C 17/25; C07 C 17/266; C07 C 17/269; C07 C 17/278; C07 C 19/08

ABSTRACTED-PUB-NO: WO 9629296A

BASIC-ABSTRACT:

Prepn. of fluoroalkanes of formula (I) CnHxFy comprises pyrolysing chlorodifluoromethane (F22) at greater than 500 deg.C. in the presence of at least one (fluoro)alkane of formula (II) Cn-1HxFy-2. In the formulae, n and y are integer greater than 2; and x is integer such that x+y=2n+2.

USE - HFC's are useful as substitutes for CFC's.

ADVANTAGE - Process is simple and does not involve use of hydrogen fluoride.

CHOSEN-DRAWING: Dwg.0/0

TITLE-TERMS: SIMPLE PREPARATION FLUOROALKANE AVOID HYDROGEN FLUORIDE COMPRISE PYROLYSE

CHLORO DI FLUOROMETHANE PRESENCE ALKANE FLUOROALKANE

DERWENT-CLASS: E16

CPI-CODES: E10-H03A3;

CHEMICAL-CODES:

Chemical Indexing M3 *01*

Fragmentation Code

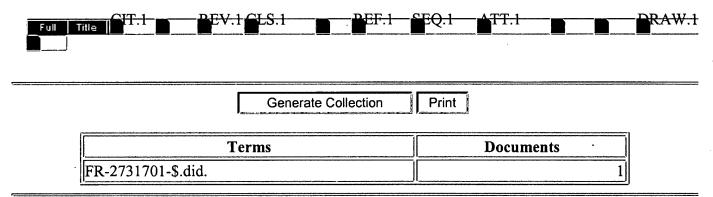
H6 H601 H607 H608 H609 H681 H682 H684 H685 H689 M280 M311 M312 M313 M321 M332 M342 M343 M344 M363 M391 M416 M620 M720 M903 M904 N209 N224 N225 N311

N514 N515

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